
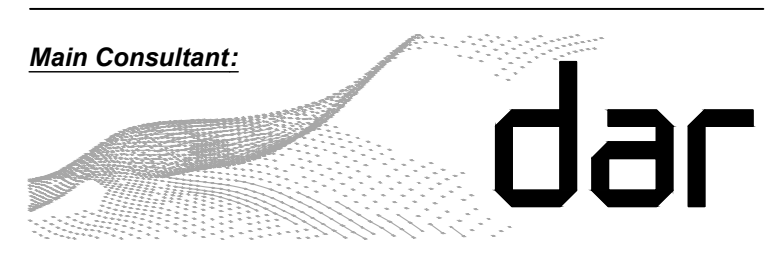


Client:  الهيئة الهندسية للقوات المسلحة

Main Consultant:  dar

Project Name: Governmental District  
The Presidential Park  
Egypt Administrative Capital

- NOTES:
- FOR GRAPHICAL SYMBOLS, ABBREVIATIONS AND GENERAL NOTES REFER TO DRAWING NO. PE2081-FD-GEN-TG-001.
  - COORDINATE DUCTS, PIPES, REFRIGERANT PIPING, LIGHTS, CABLE TRAY, POWER WIRE WAYS AND FIRE PROTECTION TO AVOID CONFLICTS.
  - INSTALL FIRE STOP ASSEMBLIES TO ALL THROUGH-SLAB AND THROUGH-WALL PENETRATIONS FOR THE INSTALLATION OF CABLE AS REQUIRED TO MAINTAIN FIRE RATING OF SLAB OR WALL. REVIEW ARCHITECT'S PLAN FOR PENETRATION TYPE RATINGS. FIRE PROOFING ASSEMBLIES USED FOR ALL PENETRATIONS MUST BE APPROVED BY APPLICABLE AUTHORITIES HAVING JURISDICTION PRIOR TO INSTALLATION.
  - COORDINATE LOCATIONS, MOUNTING DETAILS AND FINISHES OF ALL TELECOMMUNICATIONS TERMINATION AND SUPPORT COMPONENTS WITH EQUIPMENT SUPPLIER/MANUFACTURER, ARCHITECT, AND FIELD CONDITIONS.
  - INSTALL BEND RADIUS CONTROL COMPONENTS AT ALL ELEVATION CHANGES, AT ALL CORNERS, AND AT ALL INTERSECTIONS OF CABLE CONVEYANCE SYSTEM.
  - CONTRACTOR TO PROVIDE OFF-PATCH PANELS AND WIRE HANGERS QUANTITIES BASED ON CONNECTION REQUIREMENTS CONSISTENT WITH DESIGN INTENT SHOWN.
  - CABLE PATHWAY INDICATED ON TELECOM DRAWINGS ARE DIAGRAMMATIC. FINAL LOCATIONS AND ROUTING OF PATHWAYS SHALL BE COORDINATED WITH OTHER OVERHEAD SYSTEMS AND SITE COORDINATION.
  - CONTRACTOR TO PROVIDE A COMPLETE AND FUNCTIONAL CABLE CONVEYANCE SYSTEM CONSISTENT WITH OVERHEAD SUPPORT AND ATTACHMENT COMPONENTS.
  - CONTRACTOR TO PROVIDE OPTICAL FIBER TERMINATION PANEL QUANTITIES BASED ON OPTICAL FIBER CONNECTION REQUIREMENTS CONSISTENT WITH DESIGN INTENT SHOWN.
  - ACUITY/TA GUIDELINES SHALL BE FOLLOWED FOR SERVICE PROVIDER TELECOM ROOMS. NOE GUIDELINES SHALL BE FOLLOWED FOR CENTRAL PARK CONTROL ROOM.

FOR CONSTRUCTION

No.	Description	Date	App.
0	APPROVED ISSUE	24/02/2021	M.K.

Drawing Title: **PRESIDENTIAL PARK  
ELECTRICAL SUBSTATION - SS03  
TELECOM ROOM  
ENLARGED PLANS**

DESIGNED	CHECKED	APPROVED
W.A.	N.S.	M.K.

DRAWN	DATE	SCALE
A.S.	24/02/2021	NTS

PE2081C	FD	SS03	TT	S01	0
Project No.	Phase Code	Project part	Department Acronym	Sheet No.	Rev.

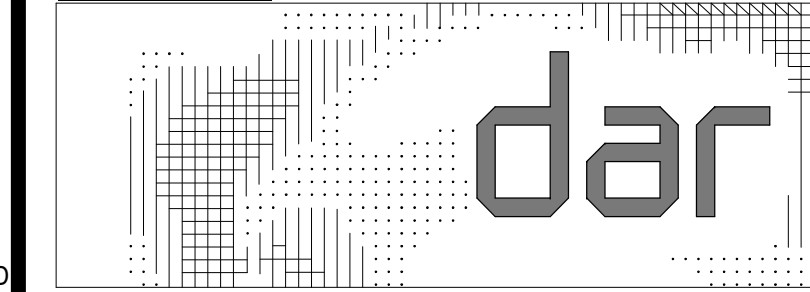
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Client:

الهيئة الهندسية للقوات المسلحة



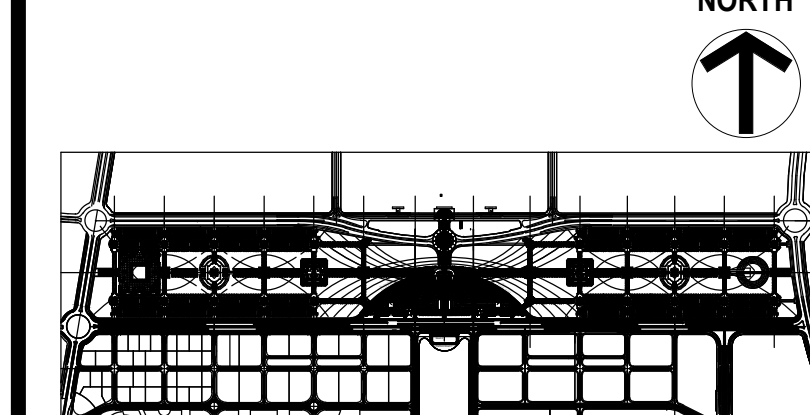
Main Consultant:



Project Name:

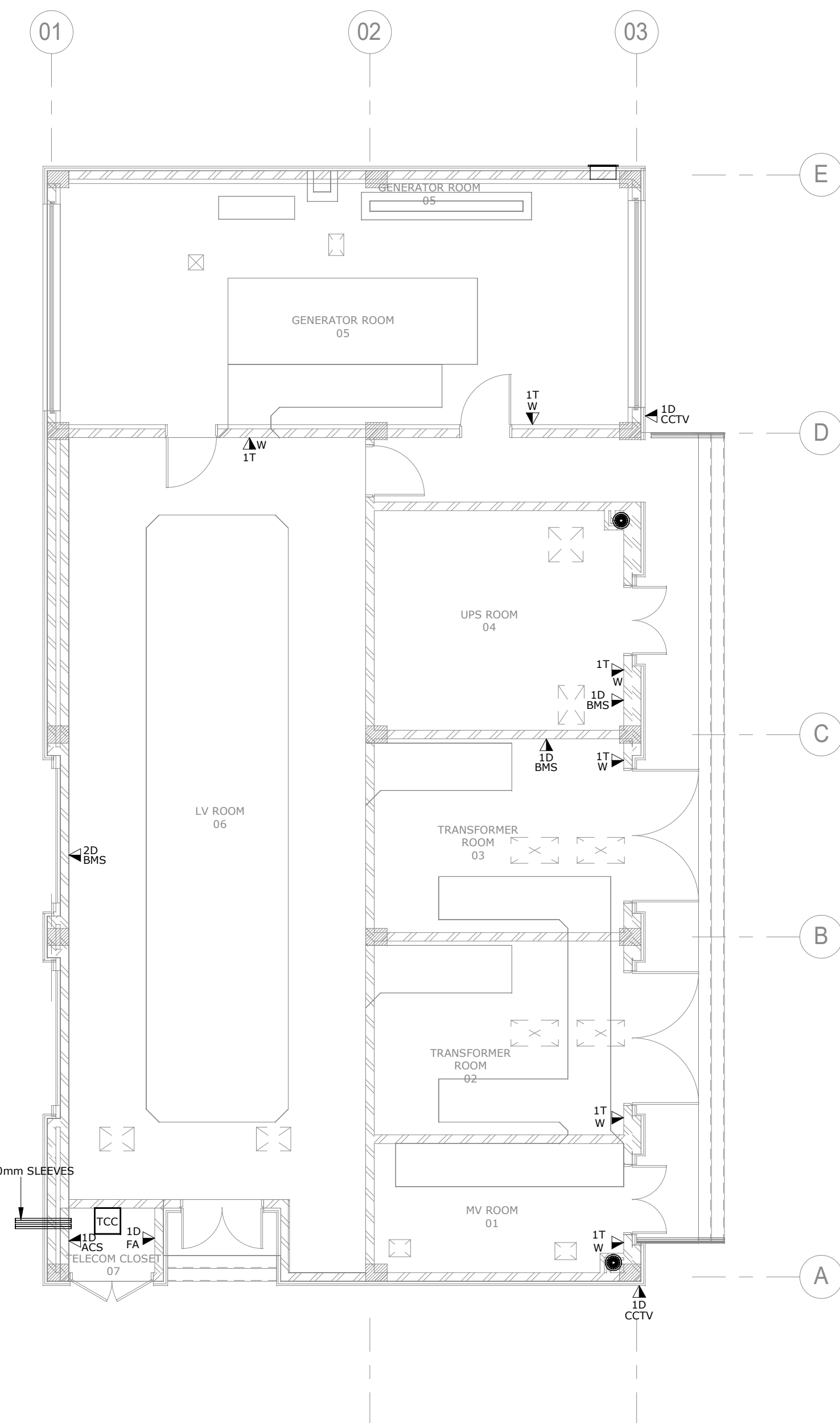
Governmental District  
The Presidential Park  
Egypt Administrative Capital

Key Plan:

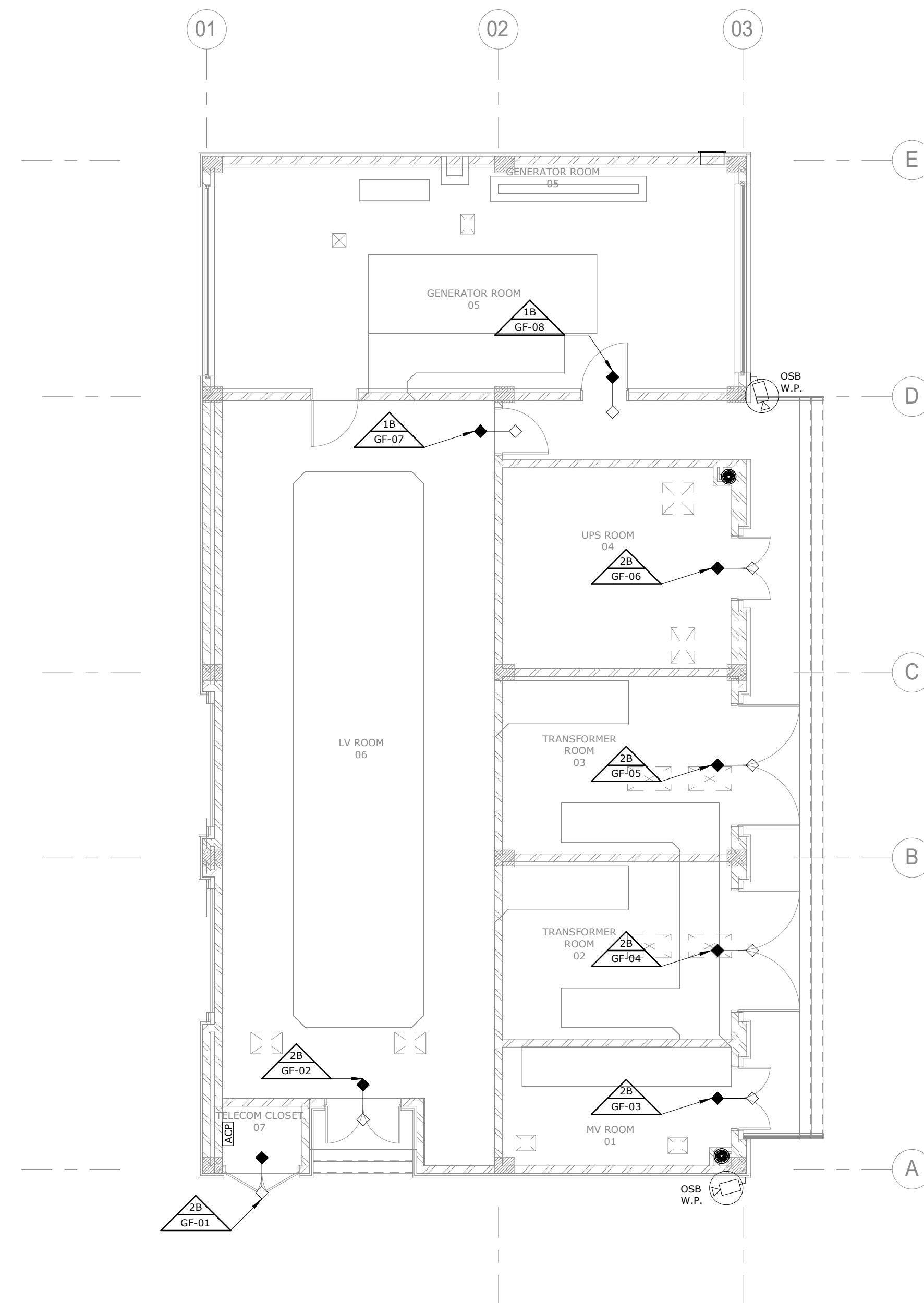


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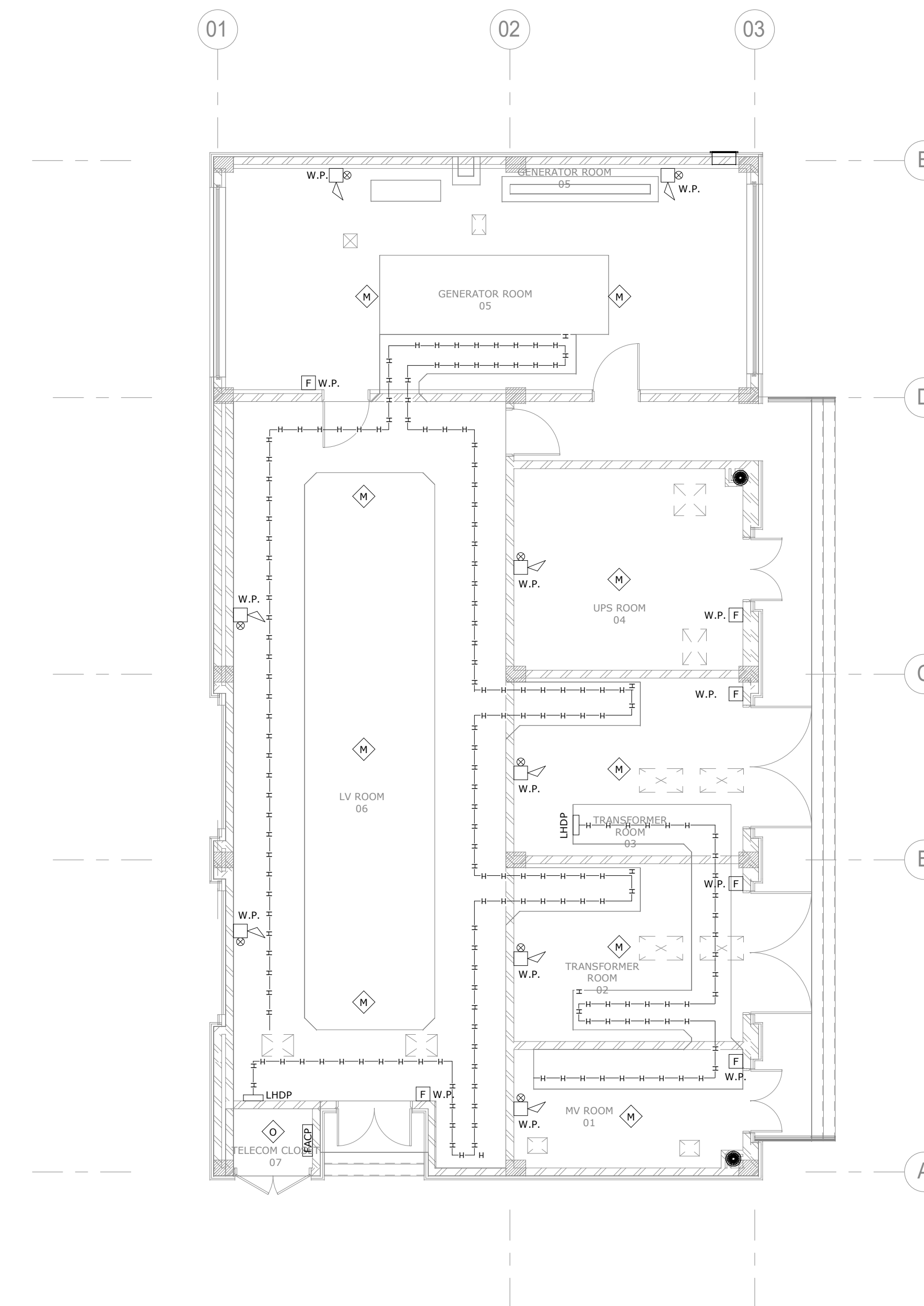
- FOR GRAPHICAL SYMBOLS, ABBREVIATIONS AND GENERAL NOTES REFER TO DRAWING NO. PE20851C-FD-GEN-TG-001.
- FOR FIRE ALARM SCHEMATIC REFER TO DWG NO. PE20851C-FD-SS03-TX-001.
- FOR IP TELEPHONY SCHEMATIC REFER TO DWG NO. PE20851C-FD-SS03-TX-001.
- FOR SECURITY SCHEMATIC REFER TO DWG NO. PE20851C-FD-SS03-TX-001.
- FOR STRUCTURED CABLING SCHEMATIC REFER TO DWG NO. PE20851C-FD-SS03-TT-001.
- FOR FIRE ALARM DETAILS REFER TO DWG NO. PE20851C-FD-GEN-TF-001.
- FOR STRUCTURED CABLING DETAILS REFER TO DWG NO. PE20851C-FD-GEN-TT-001.
- FOR ACCESS CONTROL DETAILS REFER TO DWG NO. PE20851C-FD-GEN-TY-001.
- FOR VIDEO SURVEILLANCE DETAILS REFER TO DWG NO. PE20851C-FD-GEN-TY-002.



3 00-GF-FFL-TEL  
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2 00-GF-FFL-SEC  
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FOR CONSTRUCTION  
FEBRUARY 2021

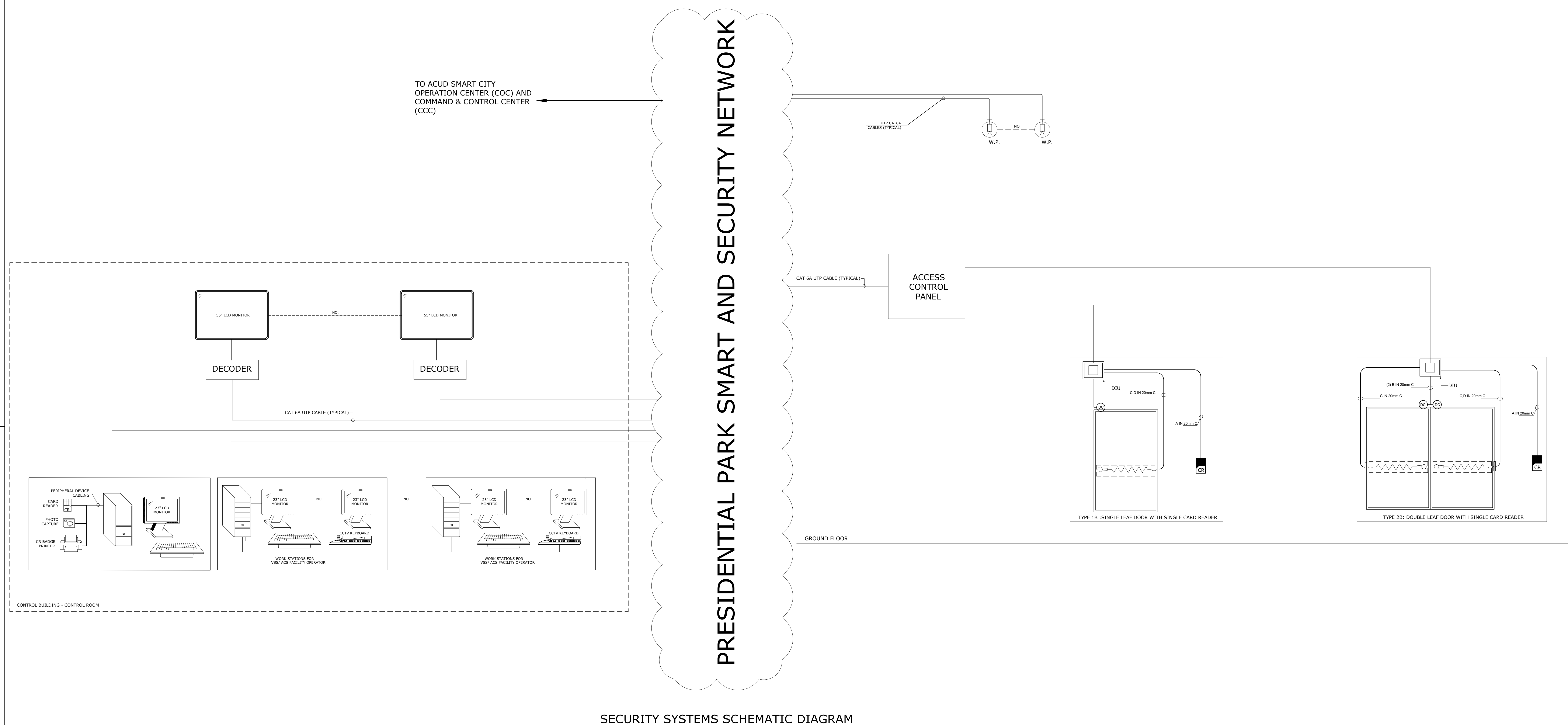
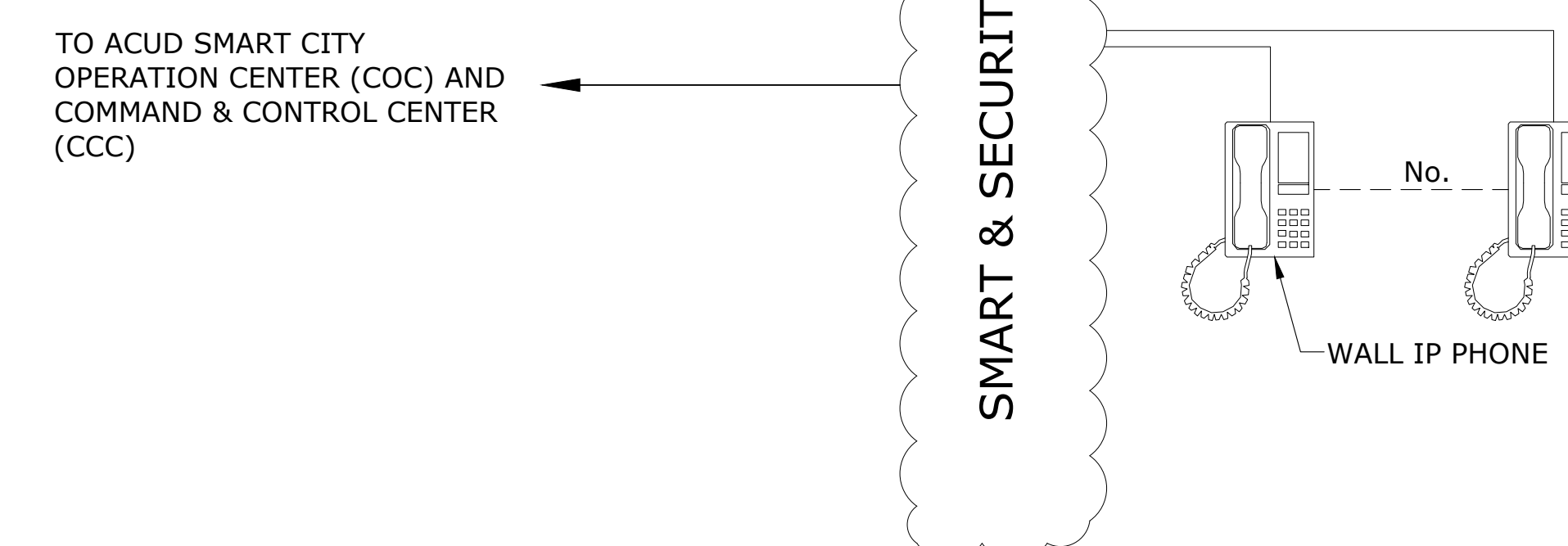
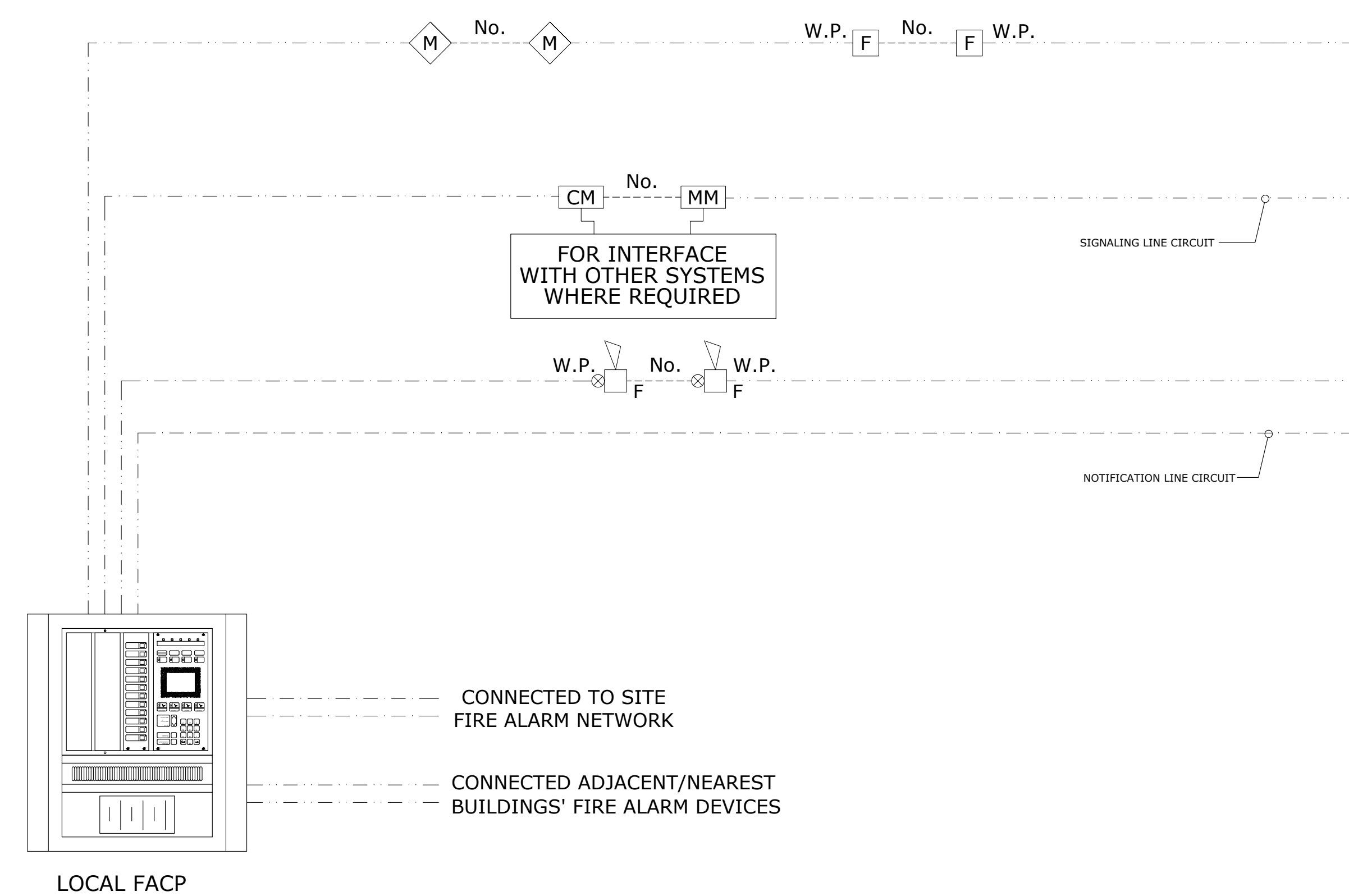
No.	APPROVED ISSUE Description	24/02/2021 Date	M.K. App.
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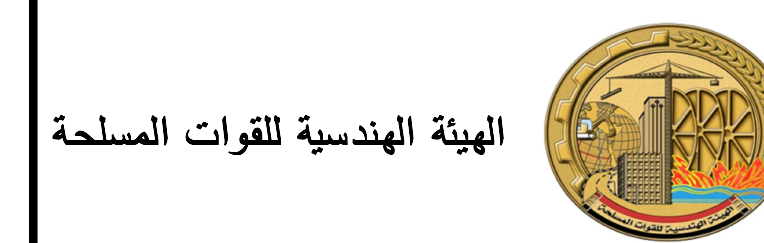
PRESIDENTIAL PARK  
ELECTRICAL SUBSTATIONS (SS03)  
GROUND FLOOR  
LOW CURRENT SYSTEMS

Designed W.A.	Checked N.S.	Approved M.K.
Drawn A.S.	Date 24/02/2021	Scale 1:100
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Project No.	Phase	Project part
Department Acronym	Sheet No.	Rev.

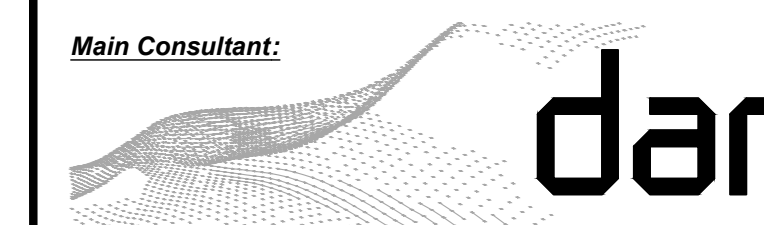
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	<b>Client:</b>
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**Main Consultant:**



Project Name:

Governmental District  
The Presidential Park  
Egypt Administrative Capital

NOTES:

- 1- FOR GRAPHICAL SYMBOLS, ABBREVIATIONS AND GENERAL NOTES REFER TO DRAWING NO. PE20851C-FD-SWO-TG-0001.
- 2- THE CONTRACTOR TO COORDINATE THE EXACT NUMBER AND LOCATION OF TIE-IN CONDUITS FOLLOWING INFRASTRUCTURE PACKAGE.
- 3- THE CONTRACTOR TO COORDINATE THE CONNECTIONS AND LOOPS OF FIRE ALARM SYSTEM FOLLOWING INFRASTRUCTURE PACKAGE.

FOR CONSTRUCTION

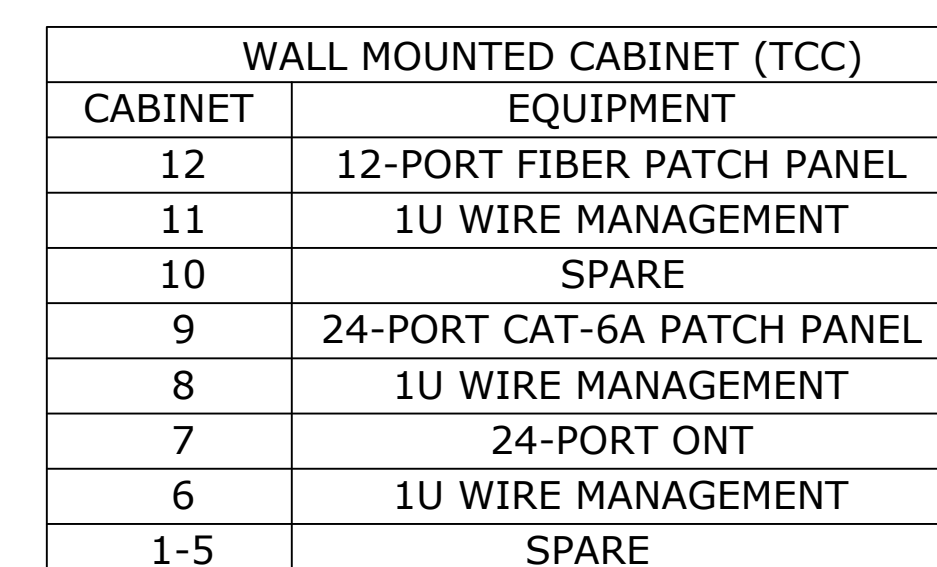
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No	Description	Date	App

**Drawing Title:**

**PRESIDENTIAL PARK**  
**ELECTRICAL SUBSTATION - SS03**  
**LOW CURRENT SYSTEMS**  
**SCHEMATIC DIAGRAMS**

DESIGNED W.A.		CHECKED N.S.		APPROVED M.K.	
DRAWN A.S.		DATE 24/02/2021		SCALE NTS	
PE20851C	FD	SS03	TX	601	0
Project No.	Phase	Project part	Department Acronym	Sheet No.	Rev





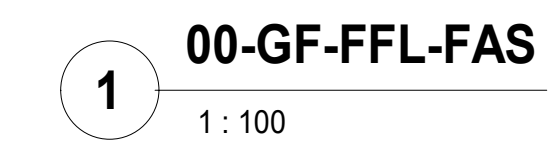
FOR CONSTRUCTION

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No	Description	Date	App

**PRESIDENTIAL PARK**  
ELECTRICAL SUBSTATION - SS05  
TELECOM ROOM  
ENLARGED PLANS

DESIGNED W.A.		CHECKED N.S.		APPROVED M.K.	
DRAWN A.S.		DATE 24/02/2021		SCALE NTS	
PE20851C	FD	SS05	TT	501	0
Project No.	Phase	Project part	Department Acronym	Sheet No.	Rev



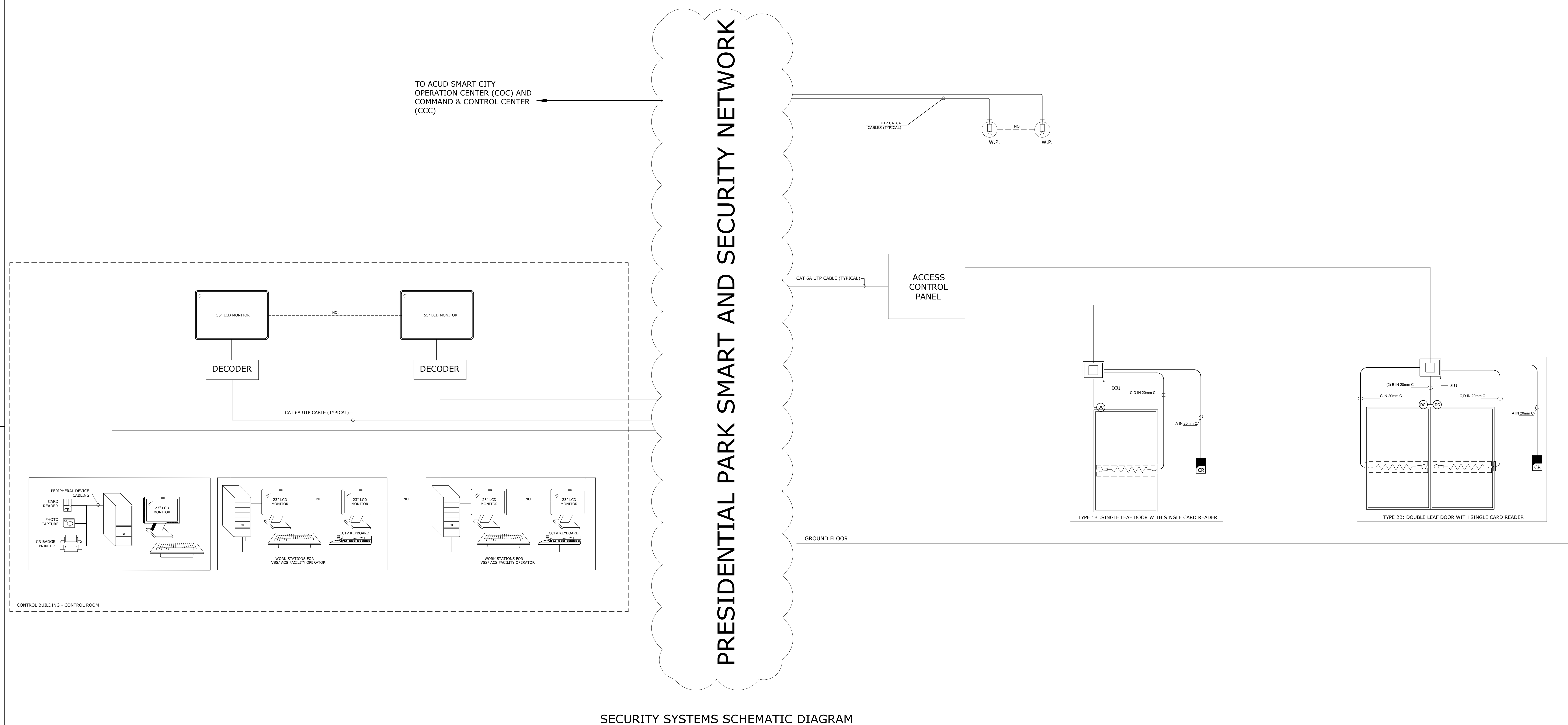
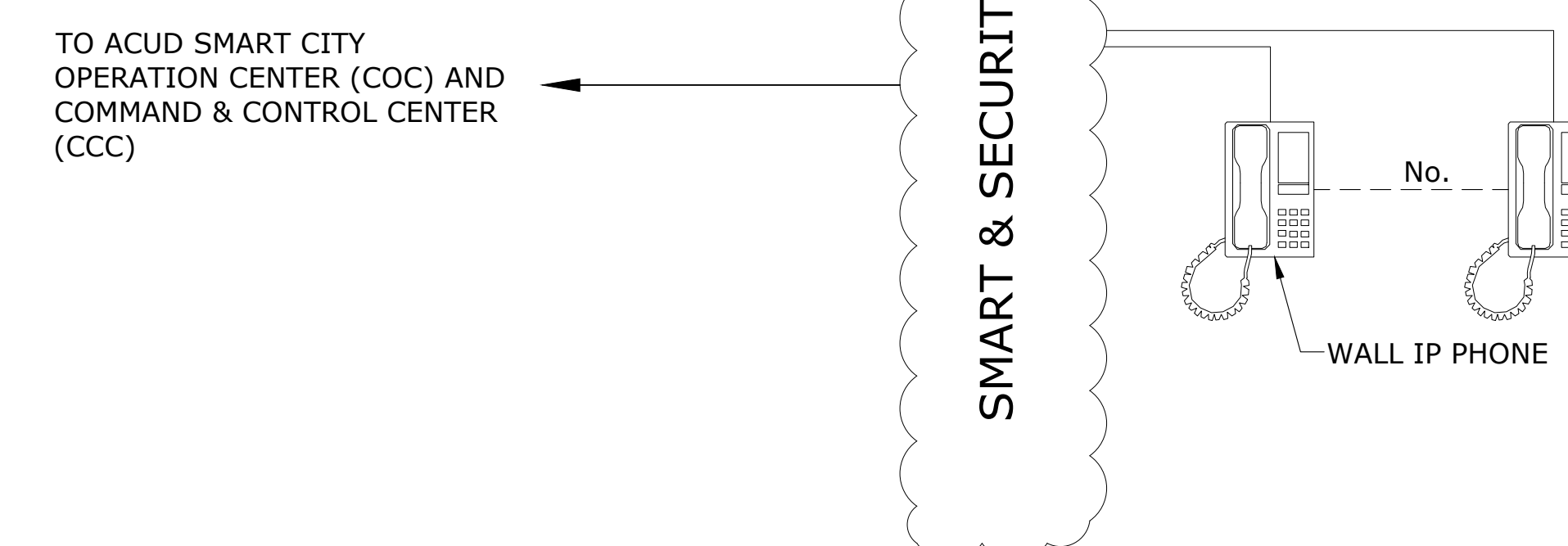
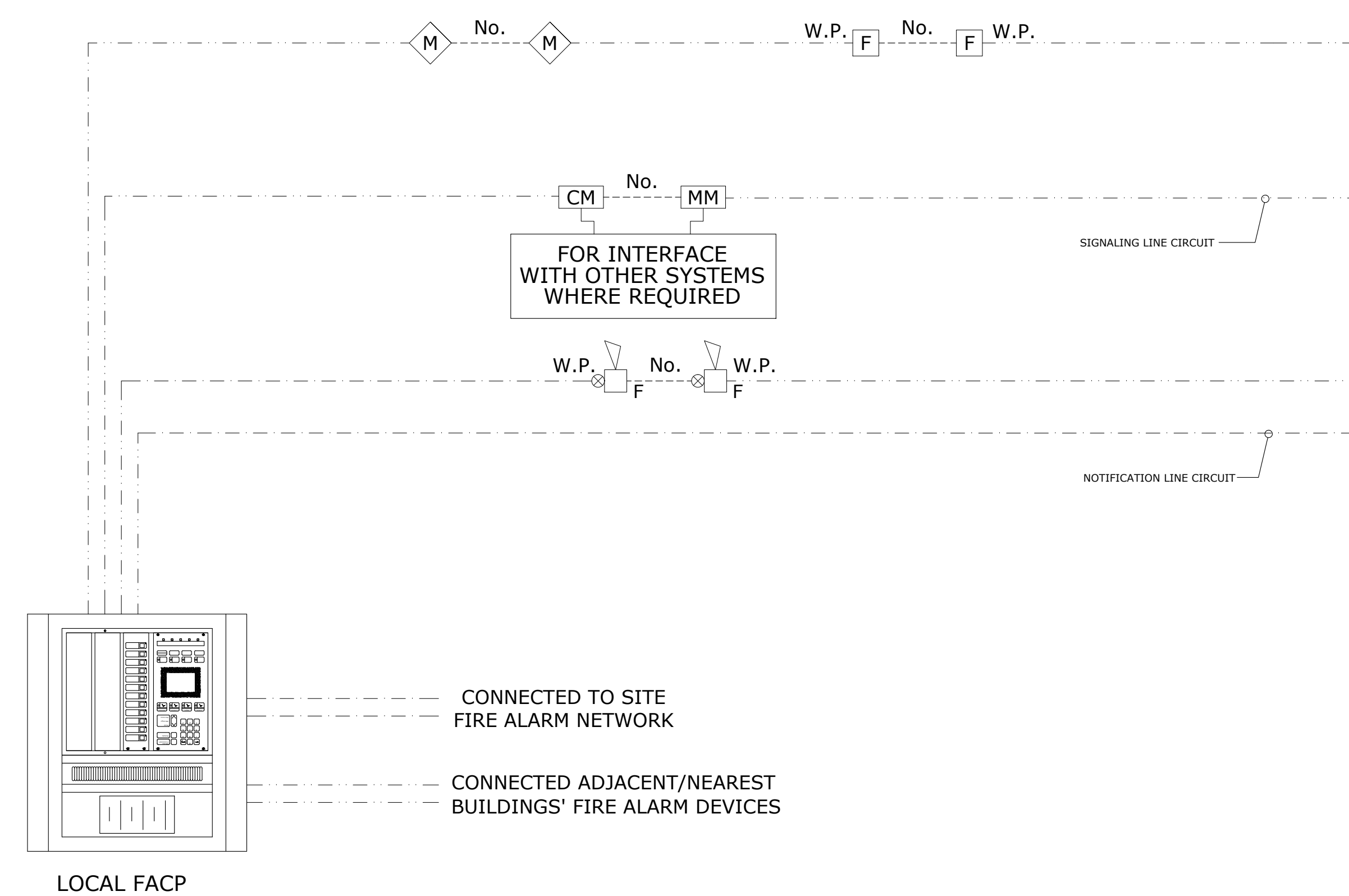



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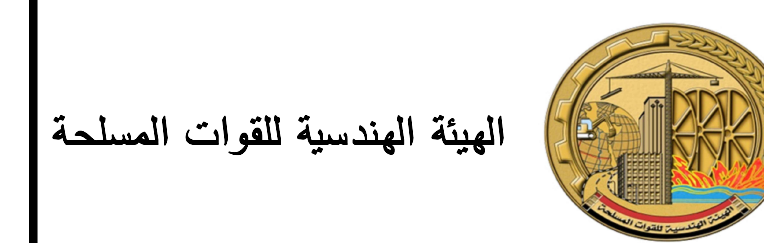
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W.A.	N.S.	M.K.

Drawn	Date	Scale
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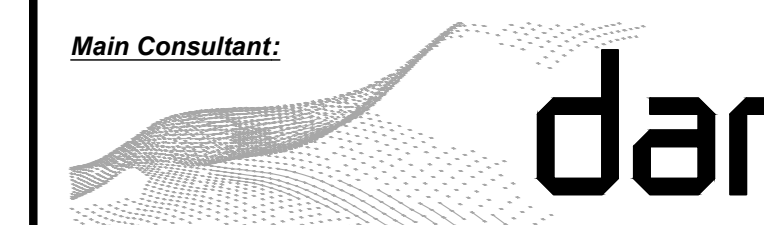
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Project No.	Phase	Project part	Department Acronym	Sheet No.	Rev.



	<b>Client:</b>
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**Main Consultant:**



Project Name:

Governmental District  
The Presidential Park  
Egypt Administrative Capital

NOTES:

- 1- FOR GRAPHICAL SYMBOLS, ABBREVIATIONS AND GENERAL NOTES REFER TO DRAWING NO. PE20851C-FD-SWO-TG-0001.
- 2- THE CONTRACTOR TO COORDINATE THE EXACT NUMBER AND LOCATION OF TIE-IN CONDUITS FOLLOWING INFRASTRUCTURE PACKAGE.
- 3- THE CONTRACTOR TO COORDINATE THE CONNECTIONS AND LOOPS OF FIRE ALARM SYSTEM FOLLOWING INFRASTRUCTURE PACKAGE.

FOR CONSTRUCTION

0	APPROVED ISSUE	24/02/2021	M.K.
No	Description	Date	App

**Drawing Title:**

**PRESIDENTIAL PARK  
ELECTRICAL SUBSTATION - SS05  
LOW CURRENT SYSTEMS  
SCHEMATIC DIAGRAMS**

DESIGNED W.A.		CHECKED N.S.		APPROVED M.K.	
DRAWN A.S.		DATE 24/02/2021		SCALE NTS	
PE20851C	FD	SS05	TX	601	0
Project No.	Phase	Project part	Department Acronym	Sheet No.	Rev

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0	APPROVED ISSUE	24/02/2021	M.K.
<b>No.</b>	<b>Description</b>	<b>Date</b>	<b>App.</b>

**PRESIDENTIAL PARK**  
ELECTRICAL SUBSTATION - SS06  
TELECOM ROOM  
ENLARGED PLANS

DESIGNED W.A.		CHECKED N.S.		APPROVED M.K.	
DRAWN A.S.		DATE 24/02/2021		SCALE NTS	
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Project No.	Phase	Project part	Department Acronym	Sheet No.	Rev

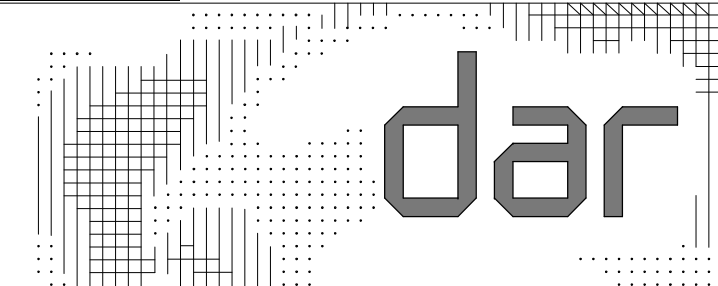


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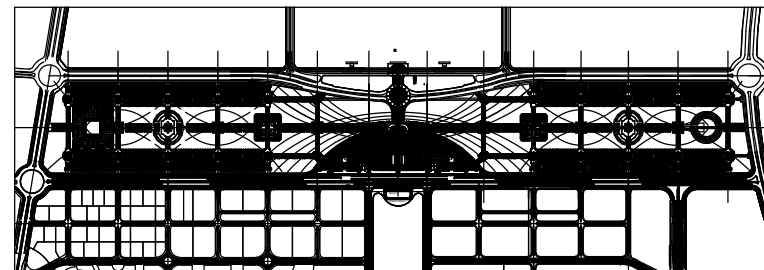
Main Consultant:



Project Name:

Governmental District  
The Presidential Park  
Egypt Administrative Capital

Key Plan:

Notes:

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2. FOR FIRE ALARM SCHEMATIC REFER TO DWG NO. PE20851C-FD-S506-TX-001.

3. FOR IP TELEPHONY SCHEMATIC REFER TO DWG NO. PE20851C-FD-S505-TX-001.

4. FOR SECURITY SCHEMATIC REFER TO DWG NO. PE20851C-FD-S506-TX-001.

5. FOR STRUCTURED CABLING SCHEMATIC REFER TO DWG NO. PE20851C-FD-S505-TX-001.

6. FOR FIRE ALARM DETAILS REFER TO DWG NO. PE20851C-FD-GEN-TF-001.

7. FOR STRUCTURED CABLING DETAILS REFER TO DWG NO. PE20851C-FD-GEN-TF-001.

8. FOR ACCESS CONTROL DETAILS REFER TO DWG NO. PE20851C-FD-GEN-TF-001.

9. FOR VIDEO SURVEILLANCE DETAILS REFER TO DWG NO. PE20851C-FD-GEN-TF-001.

10. THE CONTRACTOR TO PROVIDE 205MM CONDUITS FOR CONNECTIVITY BETWEEN TELECOM ROOM/CLOSET TO EACH TENANT AREA AND UP TO TTC CABINET.

FOR CONSTRUCTION  
FEBRUARY 2021

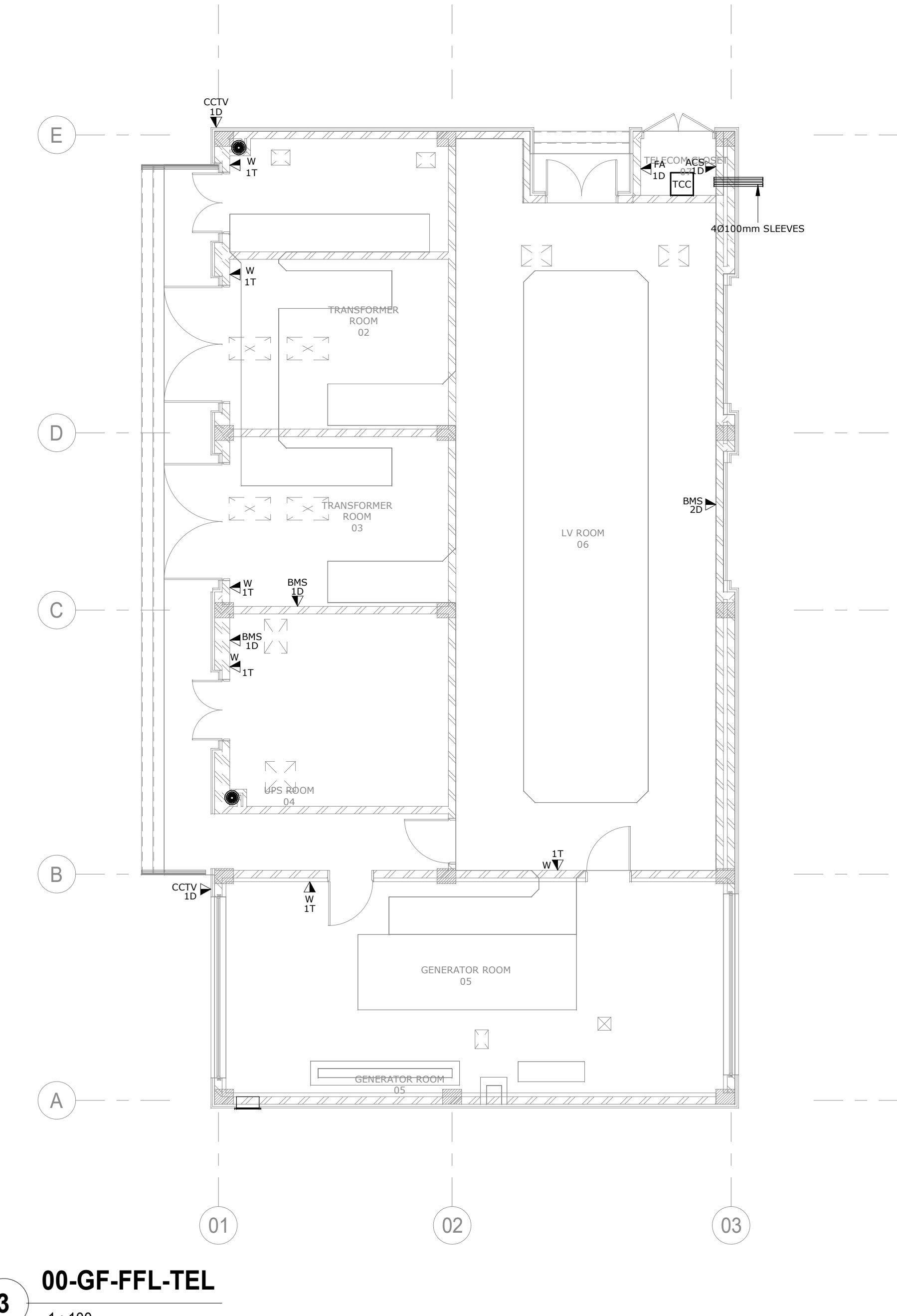
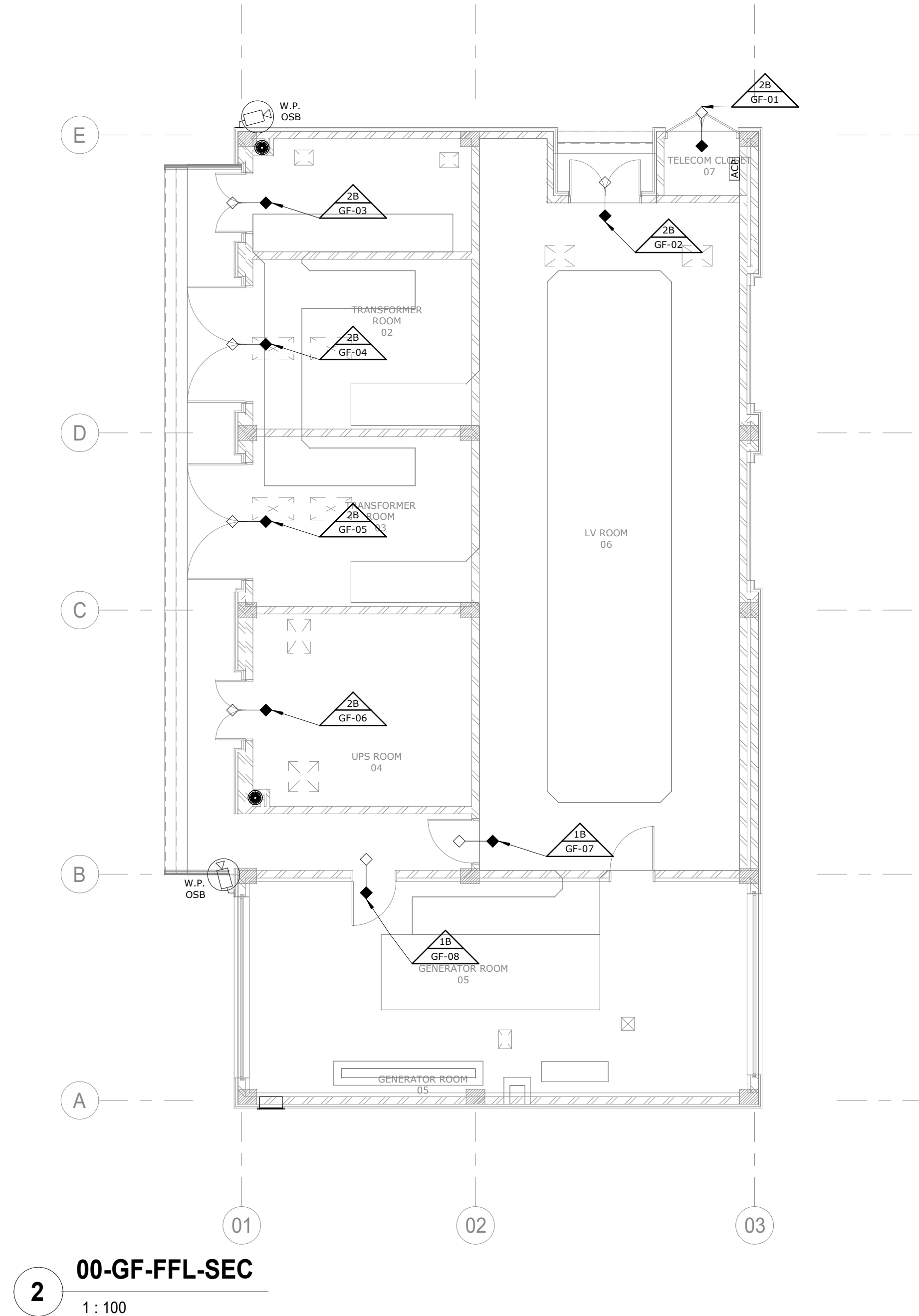
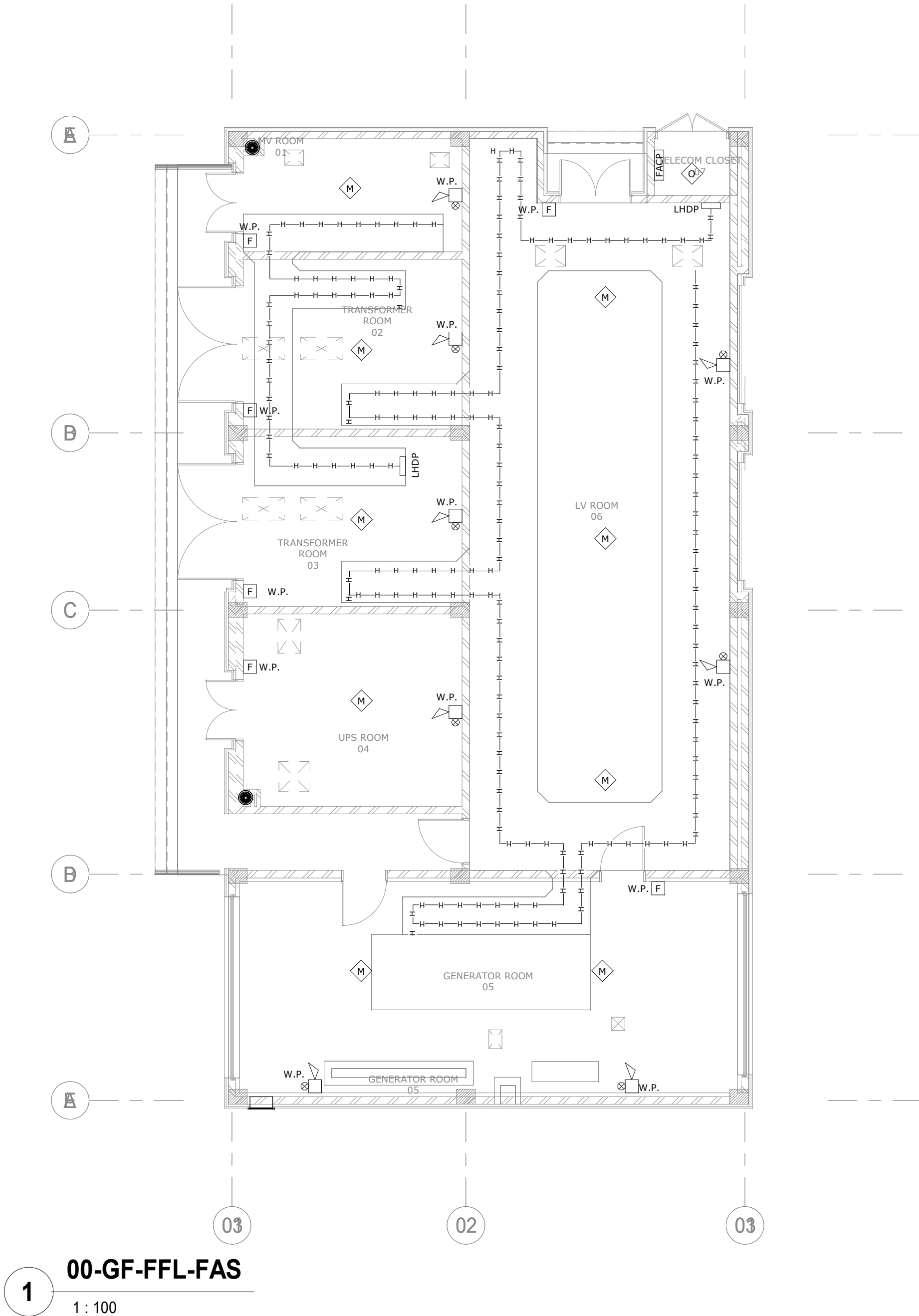
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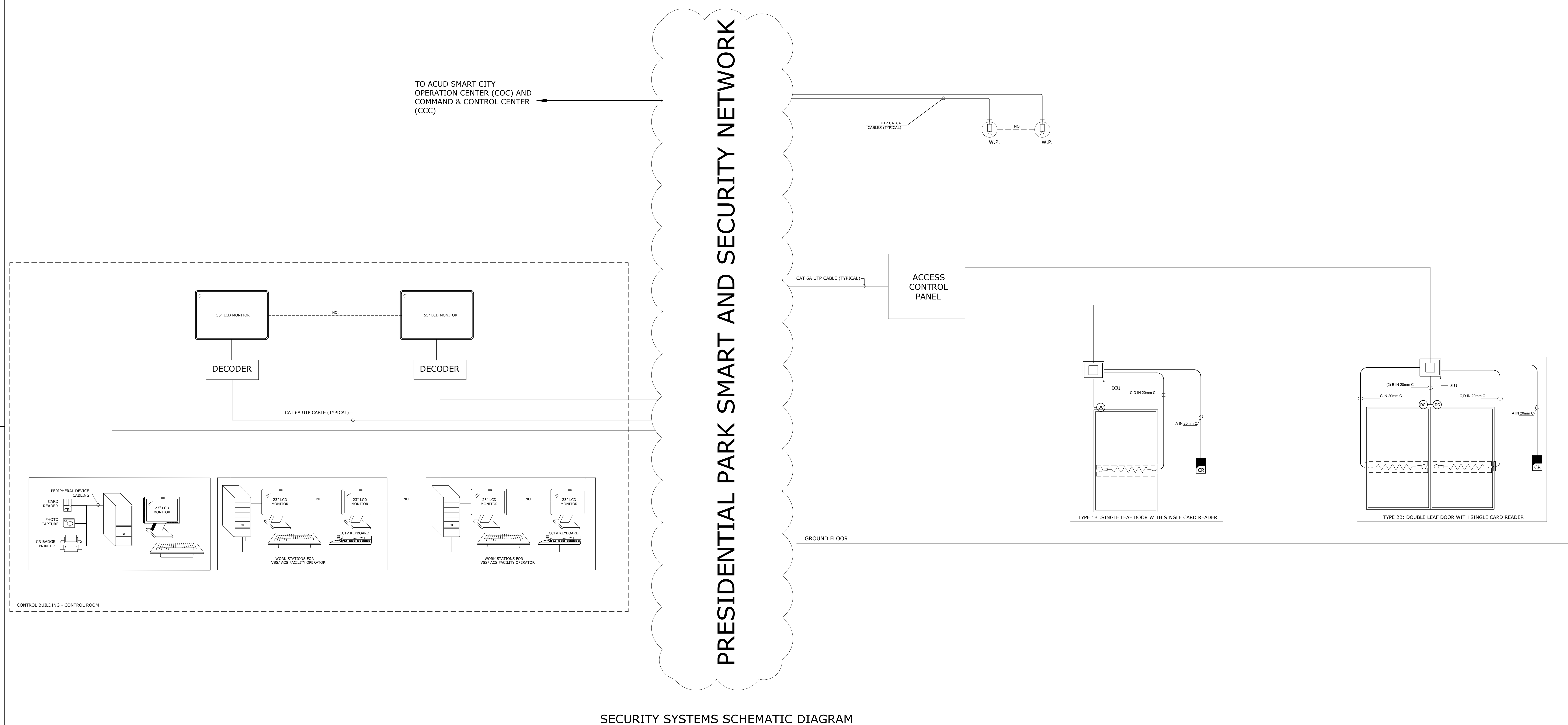
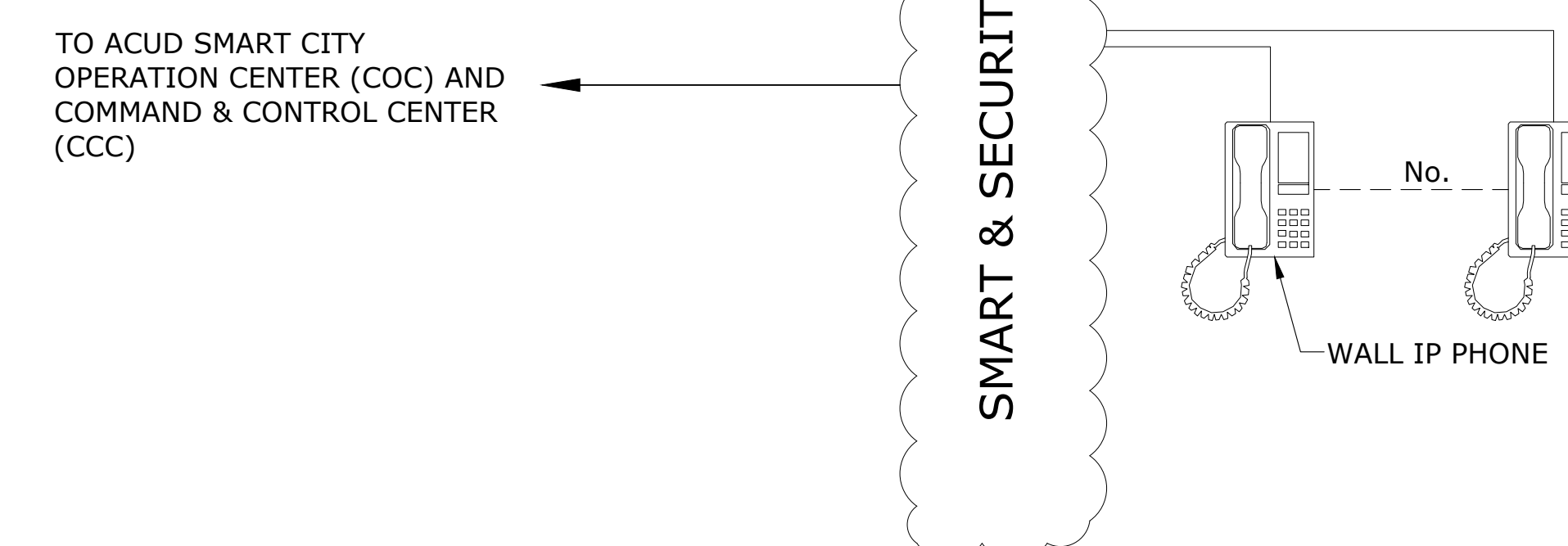
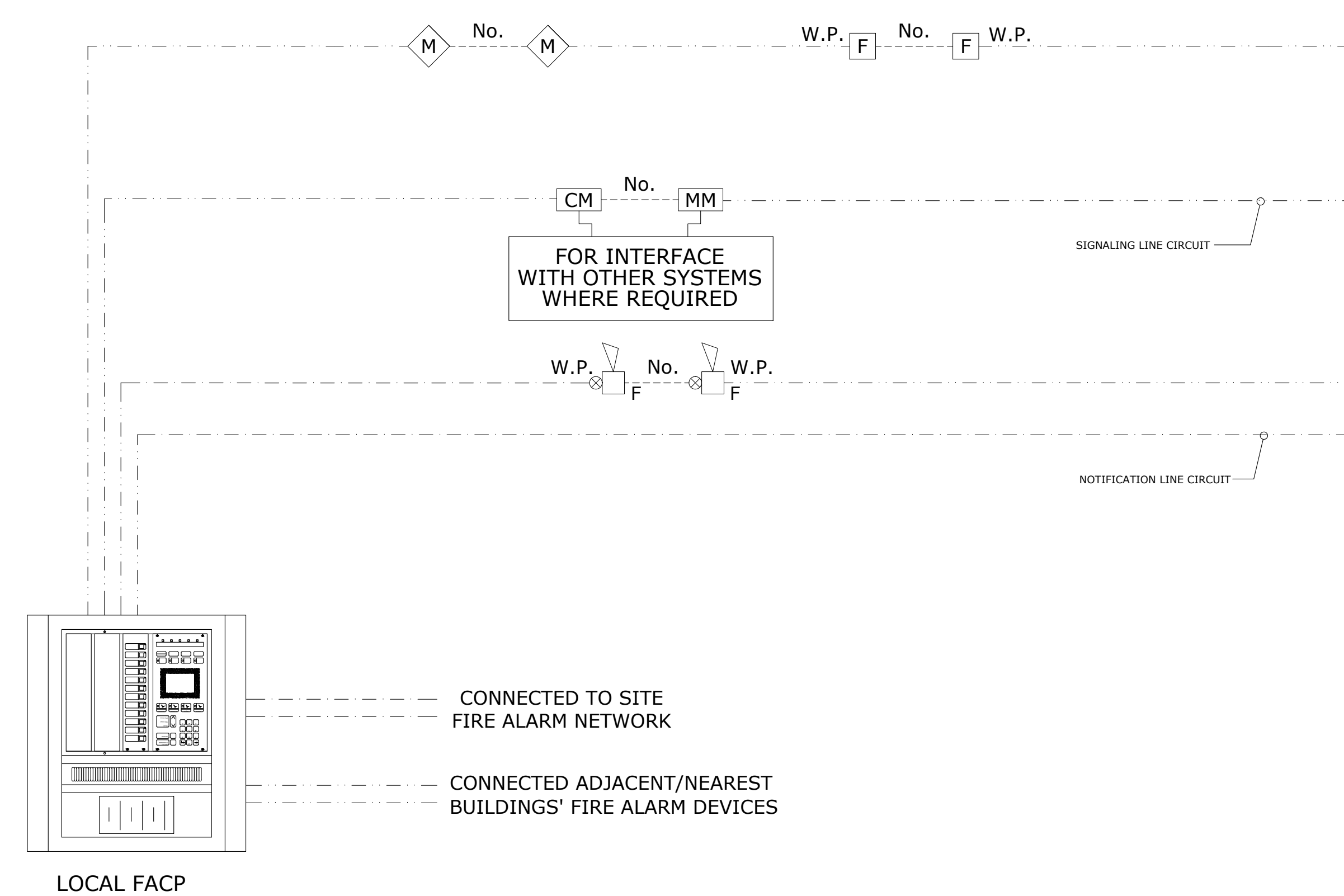
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GROUND FLOOR  
LOW CURRENT SYSTEMS

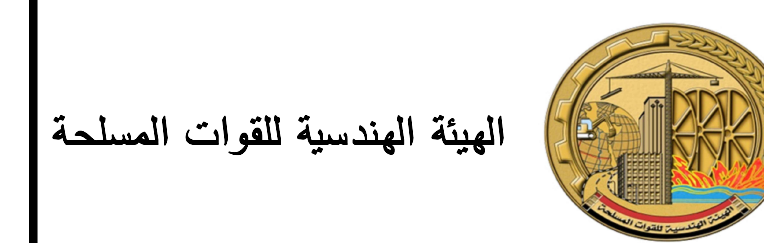
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W.A.	N.S.	M.K.
Drawn	Date	Scale
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PE20851C	FD	SS06	TX	101	0
Project No.	Phase	Project part	Department Acronym	Sheet No.	Rev.

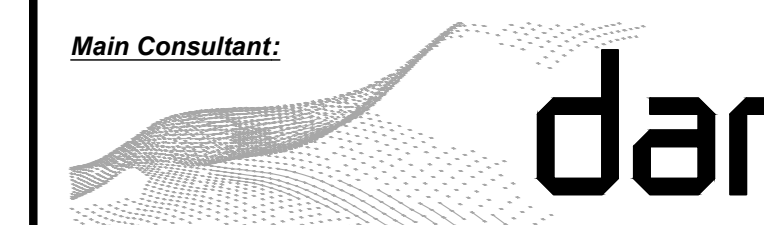




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**Main Consultant:**



Project Name:

Governmental District  
The Presidential Park  
Egypt Administrative Capital

NOTES:

- 1- FOR GRAPHICAL SYMBOLS, ABBREVIATIONS AND GENERAL NOTES REFER TO DRAWING NO. PE20851C-FD-SWO-TG-0001.
- 2- THE CONTRACTOR TO COORDINATE THE EXACT NUMBER AND LOCATION OF TIE-IN CONDUITS FOLLOWING INFRASTRUCTURE PACKAGE.
- 3- THE CONTRACTOR TO COORDINATE THE CONNECTIONS AND LOOPS OF FIRE ALARM SYSTEM FOLLOWING INFRASTRUCTURE PACKAGE.

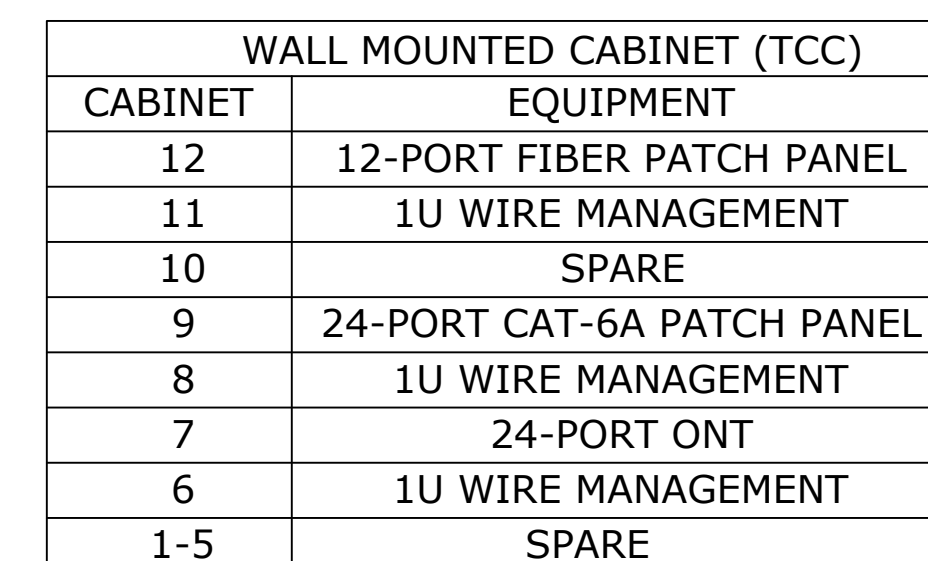
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0	APPROVED ISSUE	24/02/2021	M.K.
<b>No.</b>	<b>Description</b>	<b>Date</b>	<b>App.</b>

**Drawing Title:**

**PRESIDENTIAL PARK  
ELECTRICAL SUBSTATION - SS06  
LOW CURRENT SYSTEMS  
SCHEMATIC DIAGRAMS**

DESIGNED W.A.		CHECKED N.S.		APPROVED M.K.	
DRAWN A.S.		DATE 24/02/2021		SCALE NTS	
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Project No.	Phase code	Project part	Department Acronym	Sheet No.	Rev



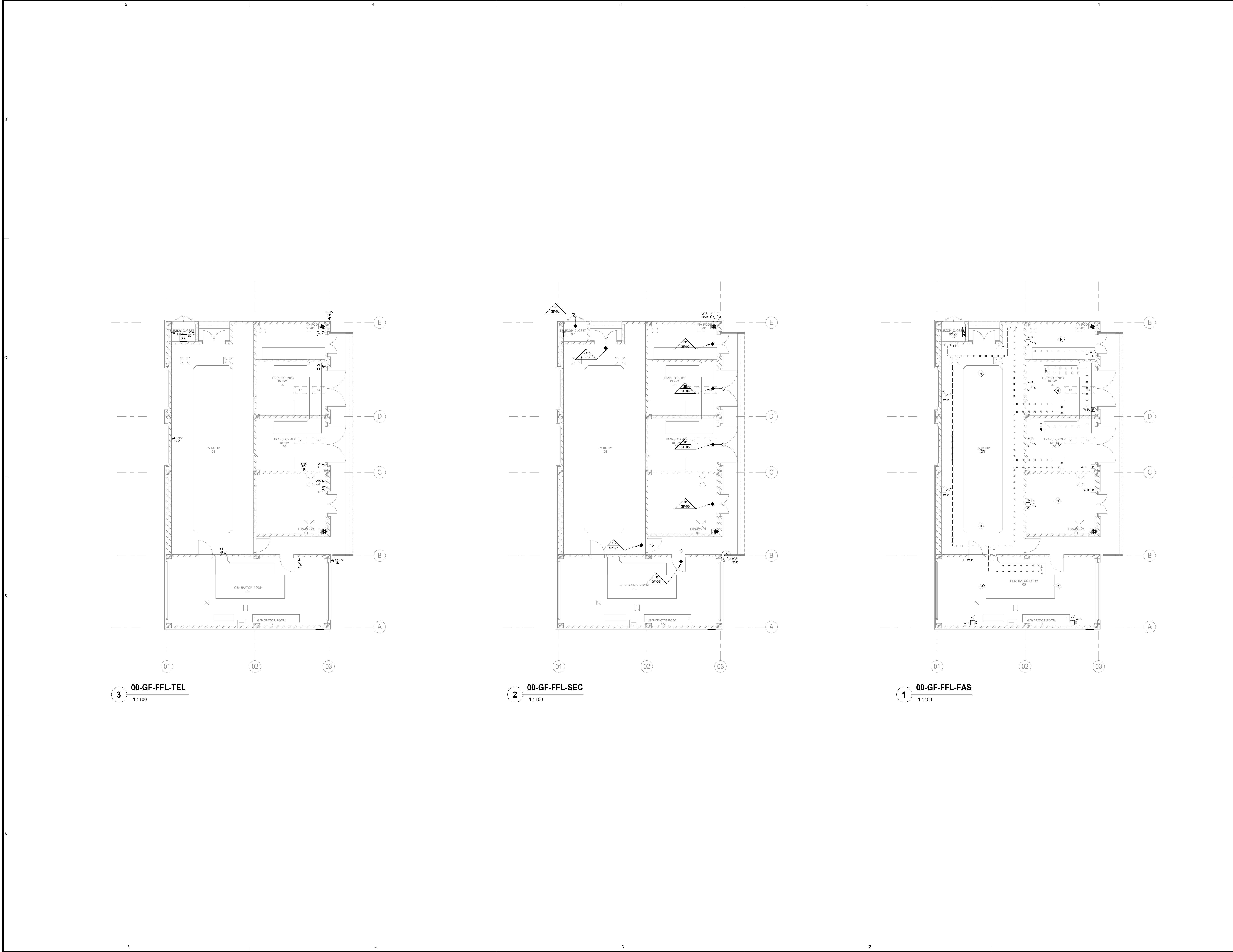
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**PRESIDENTIAL PARK**  
ELECTRICAL SUBSTATION - SS07  
TELECOM ROOM  
ENLARGED PLANS

SIGNED W.A.		CHECKED N.S.		APPROVED M.K.	
DRAWN A.S.		DATE 24/02/2021		SCALE NTS	
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Project No.	Phase code	Project part	Department Acronym	Sheet No.	Rev.

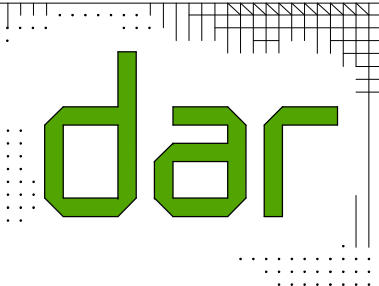




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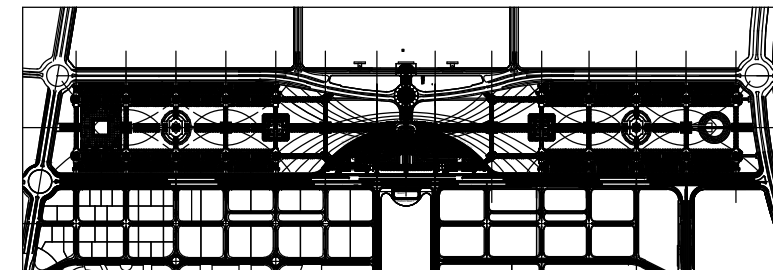
Main Consultant:



Project Name:

Governmental District  
The Presidential Park  
Egypt Administrative Capital

Key Plan:

Notes:

- FOR GRAPHICAL SYMBOLS, ABBREVIATIONS AND GENERAL NOTES REFER TO DRAWING NO. PE20851C-FD-GEN-TD-001.
- FOR FIRE ALARM SCHEMATIC REFER TO DWG NO. PE20851C-FD-SS07-TX-001.
- FOR IP TELEPHONY SCHEMATIC REFER TO DWG NO. PE20851C-FD-SS07-TX-001.
- FOR SECURITY SCHEMATIC REFER TO DWG NO. PE20851C-FD-SS07-TX-001.
- FOR STRUCTURED CABLING SCHEMATIC REFER TO DWG NO. PE20851C-FD-SS07-TX-001.
- FOR FIRE ALARM DETAILS REFER TO DWG NO. PE20851C-FD-GEN-TF-001.
- FOR STRUCTURED CABLING DETAILS REFER TO DWG NO. PE20851C-FD-GEN-TY-001.
- FOR ACCESS CONTROL DETAILS REFER TO DWG NO. PE20851C-FD-GEN-TY-001.
- FOR VIDEO SURVEILLANCE DETAILS REFER TO DWG NO. PE20851C-FD-GEN-TY-001.
- THE CONTRACTOR TO PROVIDE 205MM CONDUITS FOR CONNECTIVITY BETWEEN TELECOM ROOM/CLOSET TO EACH TENANT AREA AND UP TO TTC CABINET.

FOR CONSTRUCTION  
FEBRUARY 2021

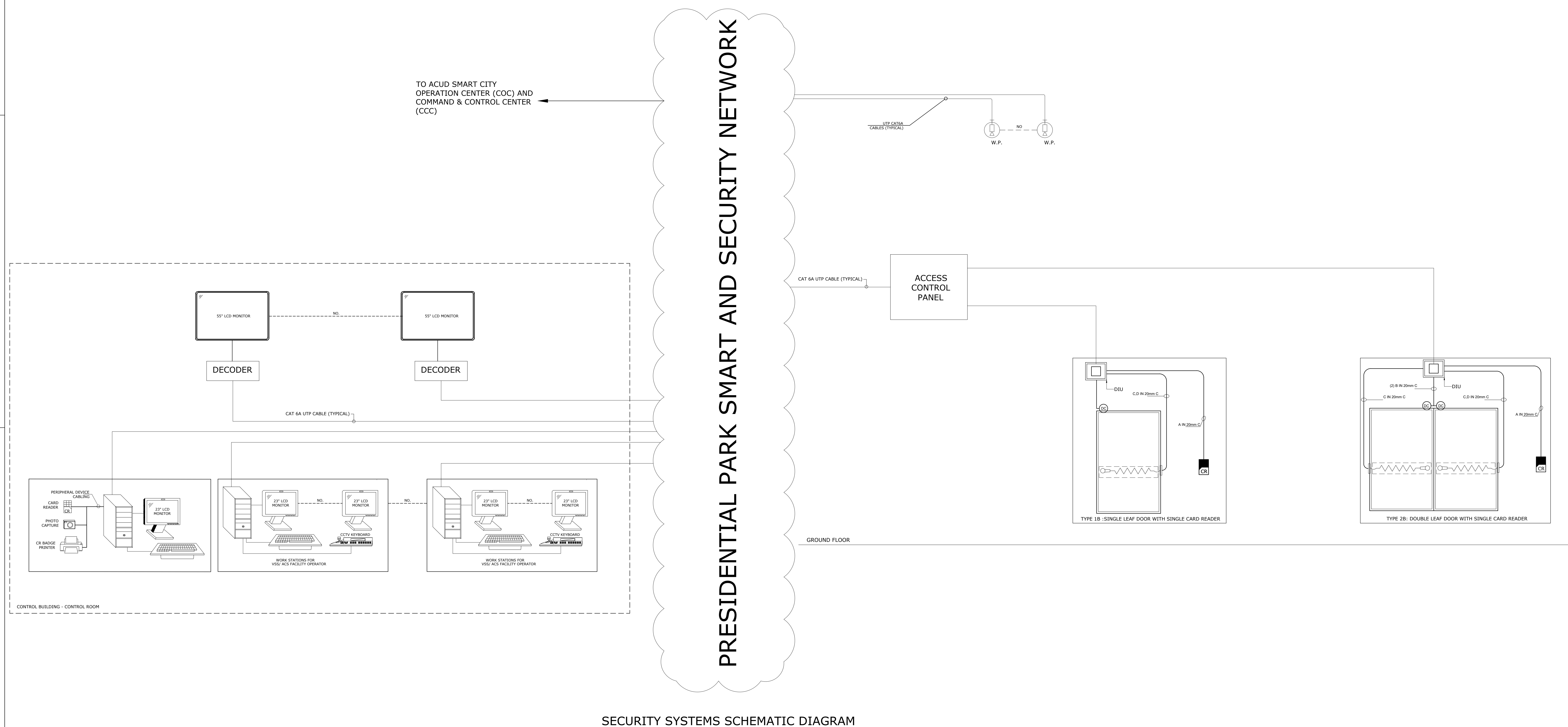
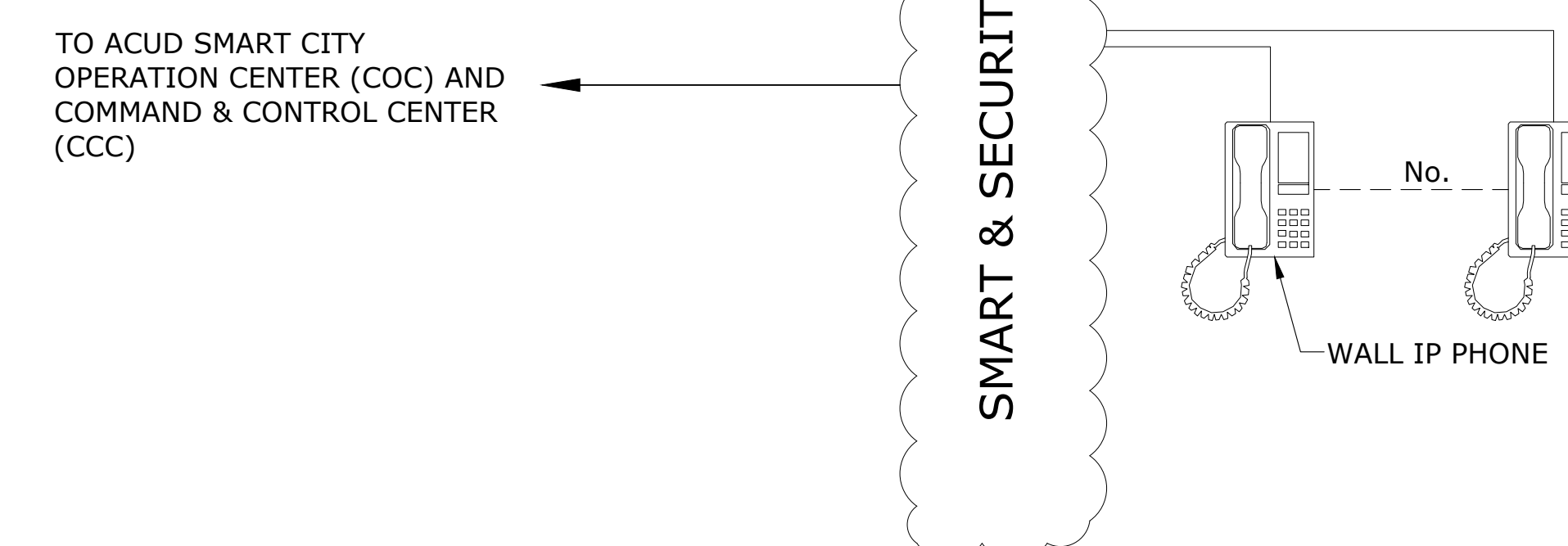
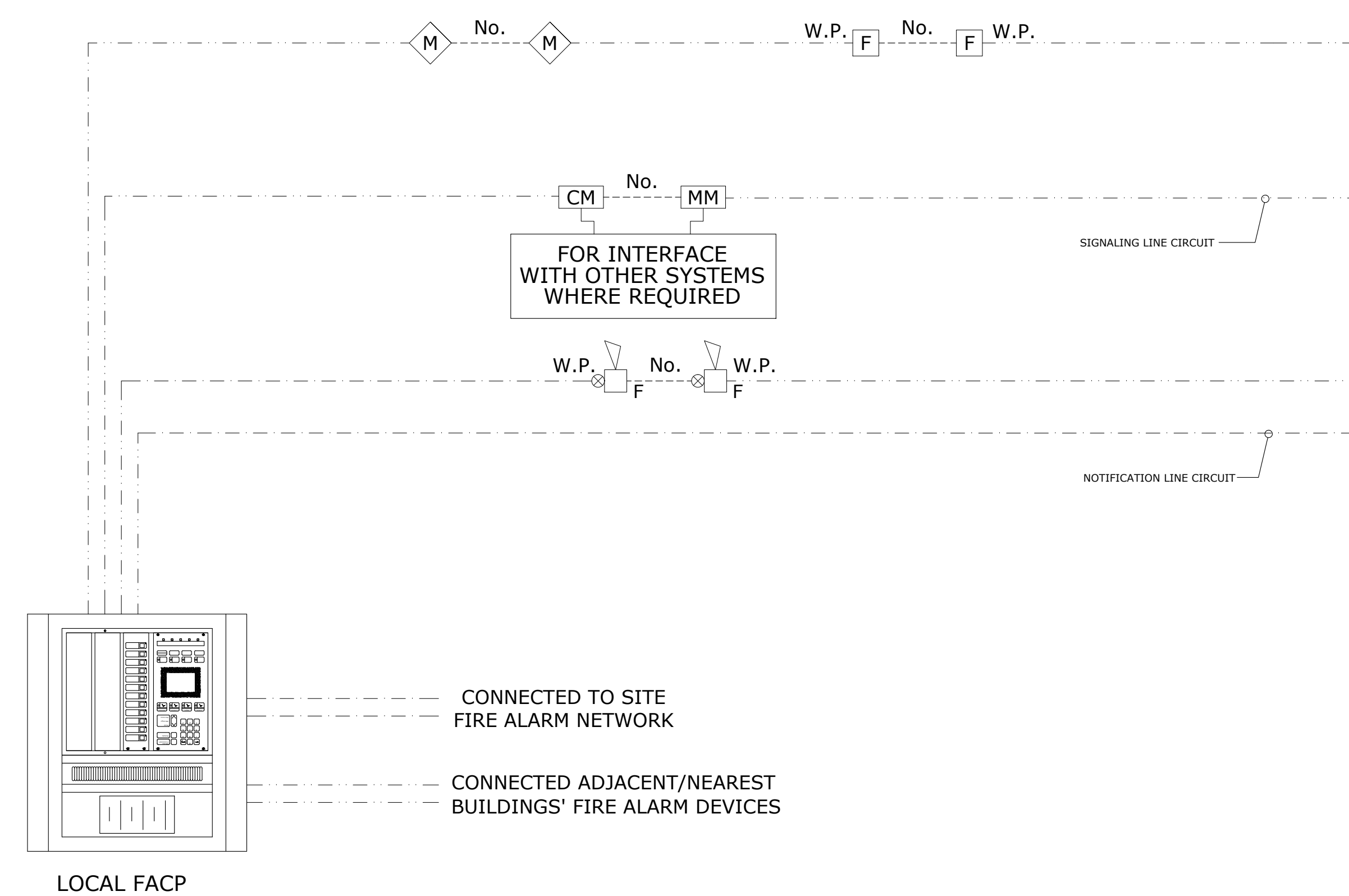
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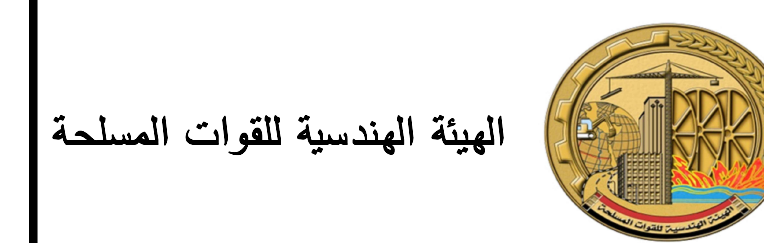
PRESIDENTIAL PARK  
ELECTRICAL SUBSTATIONS (SS07)  
GROUND FLOOR  
LOW CURRENT SYSTEMS

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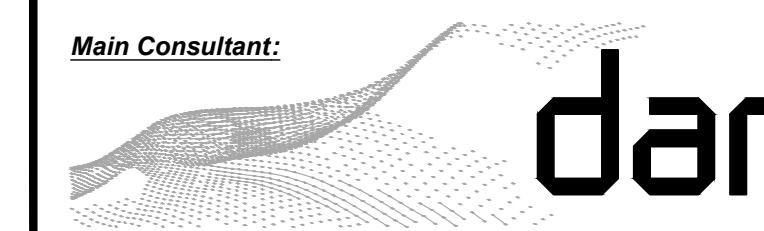
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Project No.	Phase	Project part	Department Acronym	Sheet No.	Rev.



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**Main Consultant:**



Project Name:

Governmental District  
The Presidential Park  
Egypt Administrative Capital

NOTES:

- 1- FOR GRAPHICAL SYMBOLS, ABBREVIATIONS AND GENERAL NOTES REFER TO DRAWING NO. PE20851C-FD-SWO-TG-0001.
- 2- THE CONTRACTOR TO COORDINATE THE EXACT NUMBER AND LOCATION OF TIE-IN CONDUITS FOLLOWING INFRASTRUCTURE PACKAGE.
- 3- THE CONTRACTOR TO COORDINATE THE CONNECTIONS AND LOOPS OF FIRE ALARM SYSTEM FOLLOWING INFRASTRUCTURE PACKAGE.

FOR CONSTRUCTION

0	APPROVED ISSUE	24/02/2021	M.K.
No	Description	Date	App

**Drawing Title:**

**PRESIDENTIAL PARK  
ELECTRICAL SUBSTATION - SS07  
LOW CURRENT SYSTEMS  
SCHEMATIC DIAGRAMS**

DESIGNED W.A.		CHECKED N.S.		APPROVED M.K.	
DRAWN A.S.		DATE 24/02/2021		SCALE NTS	
PE20851C	FD	SS07	TX	601	0
Project No.	Phase	Project part	Department Acronym	Sheet No.	Rev